



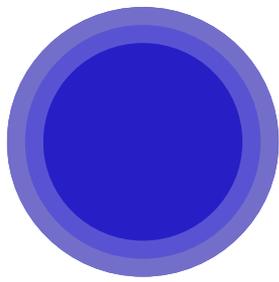
SIMPLESPHERE

CYBER SECURITY TRAINING & INTERNSHIP

A comprehensive 1-month journey
from basics to deployment.

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CONTENT

Introduction to Cyber Security & Linux

01

- Overview of Cyber Security & The CIA Triad
- Basics of Linux Command Line for Security
- Task: Identify and list vulnerabilities in daily digital life

Networking Basics for Security

02

- Internet Fundamentals: IP, DNS, OSI Model & Ports
- Network Tools: Nmap (Scanning) & Wireshark (Analysis)
- Task: Check open ports and analyze local network traffic

Web Security & Vulnerabilities

03

- OWASP Top 10 & Web Vulnerability Basics
- SQL Injection & Cross-Site Scripting (XSS)
- Task: Perform basic vulnerability testing on a demo website

Ethical Hacking & Reconnaissance

04

- Phases of Ethical Hacking & Google Dorking
- Footprinting Techniques & Social Engineering
- Task: Perform passive reconnaissance on a demo domain

Defense, Hygiene & Incident Response

05

- Password Security, Malware Types & Phishing Prevention
- Incident Response Stages & Reporting Cyber Crimes
- Task: Create a sample Incident Report

Internship Project & Certification

06

- Project Execution (Reconnaissance or Security Analysis)
- Documentation: Vulnerability Report or Awareness Guide
- Final Presentation & Certification

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